

Appl. No.: 10/690,793
Amdt. dated: 10/16/2008
Reply to Office action of: 07/17/2008

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A computer system for concurrent operation of plural applications, said computer system comprising:

- (a) a memory, including a shared object space capable of storing at least one shared object and a listener;
- (b) a shared object stored in said shared object space and accessible to at least two applications so that at least a first application is capable of causing an event in said object, said first application running in a first virtual machine; and
- (c) a listener attached to said shared object and operably associated with a second application running in a second virtual machine, said listener listening for said event and notifying said second application when said first application has caused said event.

Claim 2 (original): The system of claim 1 where said listener is located in said shared object space.

Claim 3 (original): The system of claim 1 where at least two applications are capable of causing said event.

Claim 4 (previously presented): The system of claim 1 further comprising a second listener located in said shared object space and attached to said shared object.

Claim 5 (original): The system of claim 1 where at least one of said virtual machines is a Java virtual machine.

Claim 6 (previously presented): The system of claim 1 where said shared object space is linked to at least one application by a native method interface enabling said application to utilize a method native to said application in interacting with said shared object.

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Claim 7 (original): The system of claim 6 where said system includes a default directory with a native library.

Claim 8 (original): The system of claim 1 including a non-object oriented application.

Claim 9 (original): The system of claim 8 where said non-object-oriented application is a C application.

Claim 10 (original): The system of claim 1 where access to said at least one object by said plural applications is synchronized.

Claim 11 (original): The system of claim 1 where said plural applications implement a stock trading system.

Claim 12 (original): The system of claim 1 where said at least one object is copy shared among said plural applications.

Claim 13 (original): The system of claim 1 where said at least one object is direct shared among said plural applications.

Claim 14 (original): The system of claim 1 including a system manager that analyzes information pertaining to the operation of said shared object space.

Claim 15 (original): The system of claim 1 including a global name space in said shared object space.

Claim 16 (currently amended): A computer system for concurrent operation of plural applications, said computer system comprising:

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- (a) a memory including a shared object space capable of storing at least one shared object and a listener;
- (b) a shared object stored in said shared object space and accessible to at least two applications so that at least a first application is capable of causing an event in said object, said first application running in a first virtual machine;
- (c) a listener attached to said shared object and operably associated with a second application running in a second virtual machine, said listener listening for said event and notifying said second application when said first application has caused said event; and
- (d) said listener being able to identify which an application caused other than said second application as causing said event.

Claim 17 (original): The system of claim 16 where said listener is located in said shared object space.

Claim 18 (original): The system of claim 16 where at least two applications are capable of causing said event.

Claim 19 (previously presented): The system of claim 16 further comprising a second listener located in said shared object space and attached to said shared object.

Claim 20 (original): The system of claim 16 where at least one of said virtual machines is a Java virtual machine.

Claim 21 (previously presented): The system of claim 16 where said shared object space is linked to at least one application by a native method interface enabling said application to utilize a method native to said application in interacting with said shared object.

Claim 22 (original): The system of claim 21 where said system includes a default directory with a native library.

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Claim 23 (original): The system of claim 16 including a non-object-oriented application.

Claim 24 (original): The system of claim 23 where said non-object-oriented application is a C application.

Claim 25 (original): The system of claim 16 where access to said at least one object by said plural applications is synchronized.

Claim 26 (original): The system of claim 16 where said plural applications implement a stock trading system.

Claim 27 (original): The system of claim 16 where said at least one object is copy shared among said plural applications.

Claim 28 (original): The system of claim 16 where said at least one object is direct shared among said plural applications.

Claim 29 (original): The system of claim 16 including a system manager that analyzes information pertaining to the operation of said shared object space.

Claim 30 (original): The system of claim 16 including a global name space in said shared object space.

Claim 31 (currently amended): A computer system for concurrent operation of plural applications, said computer system comprising:

- (a) a memory including a shared object space capable of storing at least one shared object and a listener;
- (b) a shared object stored in said shared object space and accessible to at least two applications so that at least one application is capable of causing an event in said

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- object, said application running in a virtual machine and said object containing a header capable of containing an identifier of the application that caused said event;
- (c) a listener attached to said shared object and operably associated with at least one application running in a virtual machine, said listener listening for said event and notifying an associated application not causing said event of an occurrence of said event; and
 - (d) said listener being able to identify ~~which an application caused~~ other than said second application as causing said event from said header.

Claim 32 (original): The system of claim 31 where said listener is located in said shared object space.

Claim 33 (original): The system of claim 31 where at least two applications are capable of causing said event.

Claim 34 (previously presented): The system of claim 31 further comprising a second listener located in said shared object space and attached to said shared object.

Claim 35 (original): The system of claim 31 where at least one of said virtual machines is a Java virtual machine.

Claim 36 (currently amended): The system of claim 31 where said shared object space is linked to at least one application by a native method interface enabling said application to utilize a method native to said application in interacting with said shared object.

Claim 37 (original): The system of claim 36 where said system includes a default directory with a native library.

Claim 38 (original): The system of claim 31 including a non-object-oriented application.

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Claim 39 (original): The system of claim 38 where said non-object-oriented application is a C application.

Claim 40 (original): The system of claim 31 where access to said at least one object by said plural applications is synchronized.

Claim 41 (original): The system of claim 31 where said plural applications implement a stock trading system.

Claim 42 (original): The system of claim 31 where said at least one object is copy shared among said plural applications.

Claim 43 (original): The system of claim 31 where said at least one object is direct shared among said plural applications.

Claim 44 (original): The system of claim 31 including a system manager that analyzes information pertaining to the operation of said shared object space.

Claim 45 (original): The system of claim 31 including a global name space in said shared object space.